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OM nucleic - nucleic search, using sw model

Run on: June 1, 2003, 15:24:09 ; Search time 106.681 Seconds  
(without alignments)  
5689.057 Million cell updates/sec

Title: US-09-625-573-3  
Perfect score: 1979  
Sequence: 1 CAGAGCTGCTGACACAGC.....ATATGCAATATAAATTAG 1979

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents\_NA.\*  
1: /cgn2\_6/ptodata/2/ina/5A\_COMB.seq.\*  
2: /cgn2\_6/ptodata/2/ina/5B\_COMB.seq.\*  
3: /cgn2\_6/ptodata/2/ina/6A\_COMB.seq.\*  
4: /cgn2\_6/ptodata/2/ina/6B\_COMB.seq.\*  
5: /cgn2\_6/ptodata/2/ina/PCTUS\_COMB.seq.\*  
6: /cgn2\_6/ptodata/2/ina/backfiles1.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Match	Length	DB	ID	Description
1	1979	100.0	1979	1	US-08-450-393A-3	Sequence 3, Appl
2	1979	100.0	1979	3	US-08-446-669-3	Sequence 3, Appl
3	1979	100.0	1979	5	PCT-US95-00476-3	Sequence 3, Appl
4	980	49.5	2232	1	US-08-450-393A-1	Sequence 1, Appl
5	980	49.5	2232	3	US-08-446-669-1	Sequence 1, Appl
6	980	49.5	2232	5	PCT-US95-00476-1	Sequence 1, Appl
7	703.4	35.5	1376	3	US-09-087-232A-12	Sequence 12, Appl
8	703.4	35.5	1477	4	US-08-833-752-2	Sequence 2, Appl
9	703.4	35.5	3383	4	US-08-861-105-13	Sequence 13, Appl
10	703.4	35.5	3383	4	US-08-575-967A-1	Sequence 1, Appl
11	701.4	35.4	1059	4	US-09-517-605-8	Sequence 8, Appl
12	700.2	35.4	1414	3	US-08-466-343D-1	Sequence 1, Appl
13	700	35.4	1059	4	US-08-724-984A-3	Sequence 3, Appl
14	700	35.4	1071	3	US-09-087-232A-14	Sequence 14, Appl
15	699.2	35.3	5674	4	US-09-293-170-3	Sequence 3, Appl
16	683.4	34.5	1344	3	US-09-087-232A-16	Sequence 16, Appl
17	683.4	34.5	1442	4	US-08-833-752-3	Sequence 3, Appl
18	659.8	33.3	2440	4	US-08-724-984A-1	Sequence 1, Appl
19	376	19.0	792	4	US-08-833-752-1	Sequence 1, Appl
20	357.6	18.1	2156	1	US-08-012-988A-1	Sequence 1, Appl
21	350.2	17.7	1915	4	US-08-575-967A-3	Sequence 3, Appl
22	348.8	17.6	1065	4	US-08-847-296B-2	Sequence 2, Appl
23	308.6	15.6	1461	3	US-09-087-232A-11	Sequence 11, Appl
24	304	15.4	1607	3	US-08-875-573-19	Sequence 19, Appl
25	299	15.1	1695	4	US-09-232-878-1	Sequence 1, Appl
26	266.8	13.5	1161	1	US-08-153-848-31	Sequence 31, Appl
27	266.8	13.5	1161	5	PCT-US93-11153-31	Sequence 31, Appl

28	266.8	13.5	2254	1	US-08-153-848-27	Sequence 27, Appl
29	266.8	13.5	2254	3	US-09-299-843A-27	Sequence 27, Appl
30	266.8	13.5	2254	4	US-09-088-337B-27	Sequence 27, Appl
31	266.8	13.5	2254	5	PCT-US93-11153-27	Sequence 27, Appl
32	266.8	13.5	3119	3	US-09-299-843A-31	Sequence 31, Appl
33	266.8	13.5	3119	4	US-09-088-337B-31	Sequence 31, Appl
34	261.2	13.2	1586	1	US-08-461-244-1	Sequence 1, Appl
35	181.6	9.2	1050	4	US-08-681-192-1	Sequence 1, Appl
36	177.4	9.0	1664	4	US-09-045-583-4	Sequence 4, Appl
37	177.4	9.0	1664	4	US-09-534-185-4	Sequence 4, Appl
38	176.4	8.9	1137	4	US-09-045-583-6	Sequence 6, Appl
39	176.4	8.9	1137	4	US-09-534-185-6	Sequence 6, Appl
40	173.8	8.8	1200	5	PCT-US95-03032-1	Sequence 1, Appl
41	165.8	8.4	1200	5	PCT-US92-02977-1	Sequence 1, Appl
42	165	8.3	2577	4	US-09-266-464-1	Sequence 1, Appl
43	160.4	8.1	2085	3	US-09-299-843A-65	Sequence 65, Appl
44	160.4	8.1	2085	3	US-09-088-337B-65	Sequence 65, Appl
45	155.6	7.9	2751	1	US-08-153-848-23	Sequence 23, Appl

## ALIGNMENTS

RESULT 1  
US-08-450-393A-3  
; Sequence 3, Application US/08450393A  
; Patent No. 5707815  
; GENERAL INFORMATION:  
; APPLICANT: Charo, Israel  
; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT  
; TITLE OF INVENTION: PROTEIN RECEPTORS  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum  
; STREET: 5 Palo Alto Square  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94306-2155  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/450,393A  
; FILING DATE: May 25, 1995  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Cseri, Luann  
; REGISTRATION NUMBER: 31,822  
; REFERENCE/DOCKET NUMBER: UCAL-237/02US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-843-5165  
; TELEFAX: 415-8857-0663  
; TELEX: 380816COOLEYPA  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1979 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHEetical: NO  
; ANTI-SENSE: NO  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 81..1160  
; US-08-450-393A-3

Query Match 100.0%; Score 1979; DB 1; Length 1979;  
Best Local Similarity 100.0%; Pred. No. 0;







QY 1021 GGTATCTCTCGGTGTTCTTCCGAAGACACATCACCAGCGTCTTGCACCAATGTCCAG 1080  
 DB 1021 GGTATCTCTCGGTGTTCTTCCGAAGACACATCACCAGCGTCTTGCACCAATGTCCAG 1080  
 QY 1081 TTTTCTACAGGAGACAGTGTGATGAGTGTCTTCAACAAACAGCGCTTCCACTGGGGAGC 1140  
 DB 1081 TTTTCTACAGGAGACAGTGTGATGAGTGTCTTCAACAAACAGCGCTTCCACTGGGGAGC 1140  
 QY 1141 AGGAAGTCTCGGTGTTTATAAACCAGGAGCAGTGTGATGTTGTTTATAAAGGGAGA 1200  
 DB 1141 AGGAAGTCTCGGTGTTTATAAACCAGGAGCAGTGTGATGTTGTTTATAAAGGGAGA 1200  
 QY 1201 TAACAATCTGTATATAACAACAACCTCAAGGGTTTGTGACATAGAAACCTGTAAAG 1260  
 DB 1201 TAACAATCTGTATATAACAACAACCTCAAGGGTTTGTGACATAGAAACCTGTAAAG 1260  
 QY 1261 CAGGTGCCAGGAACCTCAGGCGTGTGTACTATAACAGACTGTGACCAACCTGTAAAG 1320  
 DB 1261 CAGGTGCCAGGAACCTCAGGCGTGTGTACTATAACAGACTGTGACCAACCTGTAAAG 1320  
 QY 1321 TCCAAATCTGTCTCAGGGAATATCCAGAAACCTGTGGGTAGAGACTTGTGACTCTCCAG 1380  
 DB 1321 TCCAAATCTGTCTCAGGGAATATCCAGAAACCTGTGGGTAGAGACTTGTGACTCTCCAG 1380  
 QY 1381 AAAGCTCATCTCAGCTCTGAAATGCTCTATACCTGTGCTAATCTCTTTTCTAG 1440  
 DB 1381 AAAGCTCATCTCAGCTCTGAAATGCTCTATACCTGTGCTAATCTCTTTTCTAG 1440  
 QY 1441 TCTTCATATTTCTCACTCAATCTGATCTGCTCAATGCTTGAATCAAGGGCCAGC 1500  
 DB 1441 TCTTCATATTTCTCACTCAATCTGATCTGCTCAATGCTTGAATCAAGGGCCAGC 1500  
 QY 1501 TGGAGGTGAAGAAGATGTGACAGGACAGATGAATGGGAGTGTGAGGATAGTGGGTC 1560  
 DB 1501 TGGAGGTGAAGAAGATGTGACAGGACAGATGAATGGGAGTGTGAGGATAGTGGGTC 1560  
 QY 1561 AGGGCTGAGAGGAGAGGAGGAGACATGAGCATGCTGAGCTGGACAAAGCAAGGT 1620  
 DB 1561 AGGGCTGAGAGGAGAGGAGGAGACATGAGCATGCTGAGCTGGACAAAGCAAGGT 1620  
 QY 1621 GAGCAAAAGGCTCAGGCATTCAGCCAGGAGATGATCTGCTTGTAGCCCATCTGCCAC 1680  
 DB 1621 GAGCAAAAGGCTCAGGCATTCAGCCAGGAGATGATCTGCTTGTAGCCCATCTGCCAC 1680  
 QY 1681 GTGATTTAACTTGAAGGTTTCAAGGTTTCAAGGTTTCAAGGTTTCAAGGTTTCAAGGTTT 1740  
 DB 1681 GTGATTTAACTTGAAGGTTTCAAGGTTTCAAGGTTTCAAGGTTTCAAGGTTTCAAGGTTT 1740  
 QY 1741 GGAGTTTGTGGTGGTCCGATGATCTCTTTTGCAATGATGATGATGATGATGATGATGATGAT 1800  
 DB 1741 GGAGTTTGTGGTGGTCCGATGATCTCTTTTGCAATGATGATGATGATGATGATGATGATGAT 1800  
 QY 1801 ATTACAGTTTATCTATGACCCCATGACCTTACATTTGAAATCTATGAAATCTATGATGAT 1860  
 DB 1801 ATTACAGTTTATCTATGACCCCATGACCTTACATTTGAAATCTATGAAATCTATGATGAT 1860  
 QY 1861 CCATTTCTCAGATGCTTCTAGGCCACATCCCTCTCTTAAATTCAGAAATTTTGT 1920  
 DB 1861 CCATTTCTCAGATGCTTCTAGGCCACATCCCTCTCTTAAATTCAGAAATTTTGT 1920  
 QY 1921 TTATAAAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1979  
 DB 1921 TTATAAAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1979

RESULT 4  
 US-08-450-393A-1  
 ; Sequence 1. Application US/08450393A  
 ; Patent No. 5707815  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Choro, Israel  
 ; APPLICANT: Coughlin, Shaun  
 ; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT

;; TITLE OF INVENTION: PROTEIN RECEPTORS  
 ; NUMBER OF SEQUENCES: 14  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum  
 ; STREET: 5 Palo Alto Square  
 ; CITY: Palo Alto  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 94306-2155  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA: US/08/450,393A  
 ; FILING DATE: May 25, 1995  
 ; CLASSIFICATION: 424  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Cseri, Luann  
 ; REGISTRATION NUMBER: 31,822  
 ; REFERENCE/DOCKET NUMBER: UCAL-237/02US  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 415-843-5165  
 ; TELEFAX: 415-8857-0663  
 ; TELEX: 380816CooleyPA  
 ; INFORMATION FOR SEQ ID NO: 1:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 2332 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: cDNA  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 ; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: 40..1161  
 ; US-08-450-393A-1

Query Match 49.5%; Score 980; DB 1; Length 2332;  
 Best Local Similarity 100.0%; Pred. No. 2e-278;  
 Matches 980; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 42 GGATTCAACAAGGACGACATTTCCAGTACATCCACAACATGCTGTCCACATCTCGTTCT 101  
 DB 1 GGATTCAACAAGGACGACATTTCCAGTACATCCACAACATGCTGTCCACATCTCGTTCT 60  
 QY 102 CGGTTTATCAGAAATACCAACGAGAGCGGTGAAGAAGTCAACACCTTTTGTGATGAT 161  
 DB 61 CGGTTTATCAGAAATACCAACGAGAGCGGTGAAGAAGTCAACACCTTTTGTGATGAT 120  
 QY 162 TAGCGTGTCTCCCTGTATATAATTTGAGCTGAAGCAAAATTCGGGCCCAACCTCGCCCTCG 221  
 DB 121 TAGCGTGTCTCCCTGTATATAATTTGAGCTGAAGCAAAATTCGGGCCCAACCTCGCCCTCG 180  
 QY 222 CTCTACTCGCTGCTGTTCATCTTTTGTGTTTGTGGGCAACATGCTGTCTCATATCTTA 281  
 DB 181 CTCTACTCGCTGCTGTTCATCTTTTGTGTTTGTGGGCAACATGCTGTCTCATATCTTA 240  
 QY 282 ATAACTGCAAAAGCTGAAGTGTGACATGACATTTACCTGTCACACCTGGCCATCTCT 341  
 DB 241 ATAACTGCAAAAGCTGAAGTGTGACATGACATTTACCTGTCACACCTGGCCATCTCT 300  
 QY 342 GATCTGCTTTTCTTATTACTCTCCCATTTGGGCTCACTGCTGCAAAATGAGTGGTC 401  
 DB 301 GATCTGCTTTTCTTATTACTCTCCCATTTGGGCTCACTGCTGCAAAATGAGTGGTC 360  
 QY 402 TTTGGGAATGCAATGTCAAAATTTATTCACAGGCTGTATACATCGGTATTTTGGCGGA 461  
 DB 361 TTTGGGAATGCAATGTCAAAATTTATTCACAGGCTGTATACATCGGTATTTTGGCGGA 420  
 QY 462 ATCTTCTTCATCATCTCTCTCTGACATGATACCTGGCTATTTGCCATGCTGTGTTT 521



Db 761 ATCATGATTGTTTACTTCTCTCTGGACTCCCTATACATTTGCTCTCTGAAACACC 840  
QY 882 TTCAGGAATTTCTGGGCTGAGTAACGTGAAAGCACCAAGTCAACTGGACCAAGCCACG 941  
Db 841 TTCAGGAATTTCTGGGCTGAGTAACGTGAAAGCACCAAGTCAACTGGACCAAGCCACG 900  
QY 942 CAGGTGACAGAGACTCTGGGATGACTCAGTCTGCTGATCAATCCCATCATCTATGCGCTTC 1001  
Db 901 CAGGTGACAGAGACTCTGGGATGACTCAGTCTGCTGATCAATCCCATCATCTATGCGCTTC 960  
QY 1002 GTTGGGAGAGTTTCAGAAG 1021  
Db 961 GTTGGGAGAGTTTCAGAAG 980

## RESULT 6

PCT-US95-00476-1  
; Sequence 1, Application PC/TUS9500476  
; GENERAL INFORMATION:  
; APPLICANT: The Regents of the University of California  
; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Robbins, Berliner & Carson  
; STREET: 201 N. Figueroa Street, 5th Floor  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90012-2628  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/00476  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Berliner, Robert  
; REGISTRATION NUMBER: 20,121  
; REFERENCE/DOCKET NUMBER: 5555-291  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 310-977-1001  
; TELEFAX: 310-977-1003  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 2332 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 40..1161  
; PCT-US95-00476-1

Query Match 49.5%; Score 980; DB 5; Length 2332;  
Best Local Similarity 100.0%; Pred. No. 2e-278;  
Matches 980; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 42 GGATTGAACAGGAGCGATTTCCTCCAGTATCATCCACAAATGCTGTCCACATCTCGTTCT 101  
Db 1 GGATTGAACAGGAGCGATTTCCTCCAGTATCATCCACAAATGCTGTCCACATCTCGTTCT 60  
QY 102 CGTTTATCAGAATACCAACGAGAGCGGTGAAGAGTCCACCCTTTTGTATTATGAT 161  
Db 61 CGTTTATCAGAATACCAACGAGAGCGGTGAAGAGTCCACCCTTTTGTATTATGAT 120

QY 162 TACGCTGCTCCCTGTCATAAATTTGACGTGAAGAAATTTGGGGCCCAACTCTCTGCTCCG 221  
Db 121 TACGGTGCCTCTGTCATAAATTTGACGTGAAGAAATTTGGGGCCCAACTCTCTGCTCCG 180  
QY 222 CTCTACTCGCTGGTGTTCATCTTTGGTTTGTGGGCAACATGCTGGTCTCTCATCTTA 281  
Db 181 CTCTACTCGCTGGTGTTCATCTTTGGTTTGTGGGCAACATGCTGGTCTCTCATCTTA 240  
QY 282 ATAAACTGCAAAAGCTGAAGTCTGACTGACATTTACTGCTCAACCTGGCCATCTCT 341  
Db 241 ATAAACTGCAAAAGCTGAAGTCTGACTGACATTTACTGCTCAACCTGGCCATCTCT 300  
QY 342 GATCTGCTTTTCTTATTACTCTCCCATTTGTGGGCTCACTCTGCTCAAAATAGTGGGTC 401  
Db 301 GATCTGCTTTTCTTATTACTCTCCCATTTGTGGGCTCACTCTGCTCAAAATAGTGGGTC 360  
QY 402 TTTGGGAATGCAATGTGCAAAATTTTACAGGCTGTATCATCATCGGTTATTTTGGCGGA 461  
Db 361 TTTGGGAATGCAATGTGCAAAATTTTACAGGCTGTATCATCATCGGTTATTTTGGCGGA 420  
QY 462 ATCTTCTTCTCATCTCTCTGCAATCGATAGATACCTGGCTATTGTCATGCTGTGTTT 521  
Db 421 ATCTTCTTCTCATCTCTCTGCAATCGATAGATACCTGGCTATTGTCATGCTGTGTTT 480  
QY 522 GCTTTAAAGCCAGGAGCGGTCACTTTGGGGTGTGACAAAGTGTATCATCTGGTGGTG 581  
Db 481 GCTTTAAAGCCAGGAGCGGTCACTTTGGGGTGTGACAAAGTGTATCATCTGGTGGTG 540  
QY 582 GCTGCTTTGCTTCTCTCCAGGAATCTTTTACTAAATGCCAGAAAGAGATTCTGTT 641  
Db 541 GCTGCTTTGCTTCTCTCCAGGAATCTTTTACTAAATGCCAGAAAGAGATTCTGTT 600  
QY 642 TATGCTGTGGCCCTTATTTTCCAGGAGATGGAATAATTTCCACACAATAATGAGGAAC 701  
Db 601 TATGCTGTGGCCCTTATTTTCCAGGAGATGGAATAATTTCCACACAATAATGAGGAAC 660  
QY 702 ATTTGGGGTGTGCTCGCGTCTCATCATGCTGCTACTGCTACTCGGAAATCTCTGAAA 761  
Db 661 ATTTGGGGTGTGCTCGCGTCTCATCATGCTGCTACTGCTACTCGGAAATCTCTGAAA 720  
QY 762 ACCCTGCTCGGTGTCGAAACGAGAGAGAGGATGAGGAGTCACTGAGTCACTTCCACC 821  
Db 721 ACCCTGCTCGGTGTCGAAACGAGAGAGAGGATGAGGAGTCACTGAGTCACTTCCACC 780  
QY 822 ATCATGATTTTACTTTCTCTTCTGACTCCCTATATACATTTGTCATTCTCTGAAACACC 881  
Db 781 ATCATGATTTTACTTTCTCTTCTGACTCCCTATATACATTTGTCATTCTCTGAAACACC 840  
QY 882 TTCAGGAATTTCTGGGCTGAGTAACTGTGAAGACCAAGTCACTGGACCAAGCCACG 941  
Db 841 TTCAGGAATTTCTGGGCTGAGTAACTGTGAAGACCAAGTCACTGGACCAAGCCACG 900  
QY 942 CAGGTGACAGAGACTCTTGGGATGACTGCTGCTGATCAATCCCATCATCTATGCGCTTC 1001  
Db 901 CAGGTGACAGAGACTCTTGGGATGACTGCTGCTGATCAATCCCATCATCTATGCGCTTC 960  
QY 1002 GTTGGGAGAGTTTCAGAAG 1021  
Db 961 GTTGGGAGAGTTTCAGAAG 980

## RESULT 7

US-09-087-232A-12  
; Sequence 12, Application US/09087232A  
; Patent No. 6153431  
; GENERAL INFORMATION:  
; APPLICANT: Quillient et al.  
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS CO-RECEPTOR  
; TITLE OF INVENTION: VARIANTS ASSOCIATED WITH RESISTANCE TO VIRUS INFECTION.  
; NUMBER OF SEQUENCES: 23  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Baker & Botts, L.L.P. attn. Lisa Kole  
; STREET: 30 Rockefeller Plaza



LENGTH: 1477 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 240..1295  
US-08-833-752-2

Query Match 35.5%; Score 703.4; DB 4; Length 1477;  
Best Local Similarity 80.5%; Pred. No. 4.3e-197;  
Matches 840; Conservative 0; Mismatches 191; Indels 12; Gaps 1;

QY	154	ATTATGATTACGGTCTCCCTGTCATATAATTTGAGTGAAGCAAAATTTGGGGCCCAACTCC	213
DB	277	ATTATATATACATCGGAGCCCTGCCAAAAATCAATGTGAAGCAAAATCGCAGCCCGCTCC	336
QY	214	TGCGCTCCGCTCTACTCGCTGGTGTTCATCTTTGGTTTGTGGCAACATGCTGGTCTCC	273
DB	337	TGCGCTCCGCTCTACTCGCTGGTGTTCATCTTTGGTTTGTGGCAACATGCTGGTCTCC	396
QY	274	TCATCTTATAAAGCAAGCTGAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	333
DB	397	TCATCTGATAAAGCTGCAAAAGCTGCAAGAGCATGCTGCTGCTGCTGCTGCTGCTGCTG	456
QY	334	CCATCTCTGATCGTCTTTTCTTATTAATCTCTCCATTTGGGCTGCTGCTGCTGCTGCTG	393
DB	457	CCATCTCTGATCGTCTTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT	516
QY	394	ACTGGGCTCTTGGGATCAATGTCAAATTTTACAGGCTGTATCATCATCGGTTATT	453
DB	517	AGTGGGACTTTGAAATCAATGTGTCAACTCTTGACAGGCTCTATTTATAGGCTTCT	576
QY	454	TTGGCGGAATCTTCTTCATCATCTCTCTGACATCGATAGATACCTGGCTATTGTCCATG	513
DB	577	TCCTCTGGAATCTTTCATCATCTCTCTGACATCGATAGGTTACCTGGCTGTGCTCCATG	636
QY	514	CTGTGTTTCTTAAAGCCAGGACGGTCACTTTGGGTTGGTGGTGGTGGTGGTGGTGGTGG	573
DB	637	CTGTGTTTCTTAAAGCCAGGACGGTCACTTTGGGTTGGTGGTGGTGGTGGTGGTGGTGG	696
QY	574	GGTTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG	633
DB	697	GGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG	756
QY	634	ATTCCTGTTATGCTGTGGCCCTTATTTCCA-----CGAGGATGGAATAAT	691
DB	757	GTCTTCAATACACCTGCAGCTCTCAATTTCCATACAGTCAATCAATCTGGAAGAAT	816
QY	682	TCACACATAATAGAGAACATTTTGGGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	741
DB	817	TCACACATAATAGAGAACATTTTGGGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	876
QY	742	GCCTACCGGAATCTTGAACACCTCTCTCGGTGTCGAACGAGAGAGAGAGAGAGAGAG	801
DB	877	GCCTACCGGAATCTTGAACACCTCTCTCGGTGTCGAACGAGAGAGAGAGAGAGAGAG	936
QY	802	CAGTGAGAGTCATCTTCAACCATCATGATTTTCTTCTTCTTCTTCTTCTTCTTCTTCTT	861
DB	937	CTGTGAGGCTTATCTTCAACCATCATGATTTTCTTCTTCTTCTTCTTCTTCTTCTTCTT	996
QY	862	TTGTCAATCTCTGACACCTTCCAGGAATTTCTGGCCCTGAGTAACTGTGAAGACCA	921
DB	997	TTGTCAATCTCTGACACCTTCCAGGAATTTCTGGCCCTGAGTAACTGTGAAGACCA	1056
QY	922	GTCACCTGGACCAACCGACGAGTGCAGAGACTCTTGGGATGACCTGCTGCTGCTGCTG	981
DB	1057	ACAGGTTGGACCAACCGTATGAGGTGCAGAGACTCTTGGGATGACCTGCTGCTGCTG	1116
QY	982	ATCCCATCATCTATGCTTGGTGGGAGAGATTCAGAGGATATCTCTCGGTGCTTCTCC	1041
DB	1117	ACCCCATCATCTATGCTTGGTGGGAGAGATTCAGAGGATATCTCTCGGTGCTTCTCC	1176

QY	1042	GAAAGCATATCACCAGCGCTTCTCAAAATATGTCAGTTTCTACAGGAGAGACAGTGG	1101
DB	1177	AAAAGCATATCACCAGCGCTTCTCAAAATATGTCAGTTTCTACAGGAGAGAGTCCCG	1236
QY	1102	ATGGAGTGAATTTCAAAACACACGCTTCCACTGGGAGAGAGAGTCTCGGCTGGTTAT	1161
DB	1237	AGCGAGCAAGCTCAGTTTACACCCGATCCACTGGGAGAGAGAGATATCTGTGGCTGT	1296
QY	1162	AAAACGAGGAGCAGTTTGATTGT	1184
DB	1297	GACAGCGACTCAAGTGGGCTGT	1319

RESULT 9  
US-08-861-105-13  
; Sequence 13, Application US/08861105  
; Patent No. 6258527  
; GENERAL INFORMATION:  
; APPLICANT: LITTMAN, DAN R.  
; APPLICANT: DENG, HONGKUI  
; APPLICANT: ELLMEIER, WILFRIED  
; APPLICANT: LANDAU, NATHANIEL R.  
; APPLICANT: LIU, RONG  
; TITLE OF INVENTION: G-COUPLED RECEPTORS ASSOCIATED WITH  
; TITLE OF INVENTION: MACROPHAGE-TROPIC HIV, AND DIAGNOSTIC AND THERAPEUTIC  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: David A. Jackson, Esq.  
; STREET: 411 Hackensack Ave, Continental Plaza, 4th  
; CITY: Hackensack  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/861,105  
; FILING DATE:  
; CLASSIFICATION: 436  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/666,020  
; FILING DATE: 19-JUN-1996  
; CLASSIFICATION: 436  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/227,319  
; FILING DATE: 13-APR-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jackson Esq., David A.  
; REGISTRATION NUMBER: 26,742  
; REFERENCE/DOCKET NUMBER: 1049-1-004 N1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201-487-5800  
; TELEFAX: 201-343-1684  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 3383 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Homo sapiens  
; US-08-861-105-13

Query Match 35.5%; Score 703.4; DB 4; Length 3383;  
Best Local Similarity 80.5%; Pred. No. 6.8e-197;

Matches 840; Conservative 0; Mismatches 191; Indels 12; Gaps 1;

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QY 154 ATTATGATTACGGTGTCTCCCTGTCAATAAATTGACGTGAAGCAAAATTTGGGCCCCAACTCC 213
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 92  ATTATTATACATCGGAGCCCTGCCAAAATCAATGTGAAGCAAAATCGAGCCCGCTCC 151
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 214 TGCCTCCGCTCTACTCGCTGGTTCATCTTTGTTGGCAACATGCTGCTGCTCC 273
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 152 TGCCTCCGCTCTACTCGCTGGTTCATCTTTGTTGGCAACATGCTGCTGCTCC 211
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 274 TCATCTTAATAAAGCTCAAAAGCTGAAGTCTGACTGACATTTACCTGCTCAACCTGG 333
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 212 TCATCTGATGAATCAAAAGCTGAAGCAATGACTGACATCTACCTGCTCAACCTGG 271
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 334 CCATCTCTGATCTGCTTTTCTTATTACTCTCCCATTTGGGCTCACTCTGCTGCAATG 393
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 272 CCATCTCTGACCTGTTTCTTCTTACTGTCCCTTCTGGGCTCACTATGCTGCCGCC 331
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 394 AGTGGGCTTTGGGAATGCAATGTGCAAAATTTTTCACAGGGCTGTATCACATCGGTTAT 453
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 332 AGTGGGCTTTGGGAATGCAATGTGCAAAATTTTTCACAGGGCTGTATTTATAGGCTTCT 391
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 454 TTGGGGGATCTCTTCATCATCTCTCTGACAAATCATGATACCTGGCTTATTTGTCATG 513
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 392 TCTCTGGAATCTCTTCATCATCTCTCTGACAAATCATGATAGTACCTGGCTGCTCCATG 451
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 514 CTGTGTTTGTCTTTAAAGCCAGAGGTCACCTTTGGGGTGTGACAAAGTGTGATCACCT 573
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 452 CTGTGTTTGTCTTTAAAGCCAGAGGTCACCTTTGGGGTGTGACAAAGTGTGATCACCT 511
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 574 GGTGGTGGCTGTGTTTGTCTCTGCCCCAGGAATCATCTTTACTAATGCCAGAAAGAG 633
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 512 GGGTGGTGGCTGTGTTTGTCTCTGCCCCAGGAATCATCTTTACTAATGCCAGAAAGAG 571
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 634 ATTCTGTTTATGCTGTGGCCCTTATTTTCCA-----CGAGGATGGAATAAT 681
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 572 GTCTTCATTACACCTGCAGCTCTCATTTTCCATACAGTCAGTATCAATCTGGGAAT 631
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 682 TCCACACATATGAGGAACATTTTGGGCTGGTCTGCGCTGCTGCTATCATGTCATCT 741
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 632 TCCAGACATTAAGATATGCTCTTGGGCTGTGCTGCTGCTGCTGCTGCTGCTGCT 691
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 742 GCTACTCGGGATCTGAAACCCCTGCTTCGGTGTGCAACGAGAGAGAGGACATAGG 801
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 692 GCTACTCGGGATCTGAAACCCCTGCTTCGGTGTGCAACGAGAGAGAGGACATAGG 751
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 802 CAGTGAGAGTCACTTACCATCATGATGTTTACTTCTCTGCTGCTGCTGCTGCTGCT 861
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 752 CTGTGAGGCTTATCTTCCATCATGATGTTTACTTCTCTGCTGCTGCTGCTGCTGCT 811
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 862 TTGTCTTCTCTGAAACCCCTGCTTCGGTGTGCAACGAGAGAGAGGACATAGG 921
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 812 TTGTCTTCTCTGAAACCCCTGCTTCGGTGTGCAACGAGAGAGAGGACATAGG 871
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 922 GTCAACTGGACCAAGCCAGGCTGACAGAGCTTCTTGGGATGACTCACTGCTGATCA 981
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 872 ACAGGTTGGACCAAGCTATGAGGTGACAGAGCTTCTTGGGATGAGGACTGCTGATCA 931
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 982 ATCCCATCATCTATGCTTCTGGGAGAGTTCAGAGAGTATCTCGGTGTTCTTCC 1041
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 932 ACCCATCATCTATGCTTCTGGGAGAGTTCAGAGAGTATCTCGGTGTTCTTCC 991
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 1042 GAAAGCACATCAACCAAGGCTTCTGCAACCAATGCTCCAGTTTCTACAGGAGAGAGTGG 1101
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 992 AAAAGCACATGCAACAGGCTTCTGCAACCAATGCTCCAGTTTCTACAGGAGAGTGG 1051
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 1102 ATGAGGTGACTTCAACAAACAGGCTTCTTCCATGGGGAGAGAGTCTCGGTGTTTAT 1161
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 1052 AGGAGCAAGCTCAGTTTACACCGATCTTCCATGGGGAGAGAGTCTCGGTGTTTAT 1111
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 1162 AAAAGCAGGAGCAGTTGATTTG 1184
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 1112 GACACGAGCTCAAGTGGGCTGGT 1134
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
```

RESULT 10

US-08-575-967A-1

: Sequence 1, Application US/08575967A

: Patent No. 6265184

: GENERAL INFORMATION:

: APPLICANT: Gray et al.

: TITLE OF INVENTION: Chemokine Receptor Materials and Methods

: NUMBER OF SEQUENCES: 16

: CORRESPONDENCE ADDRESS:

: ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &amp; Borun

: STREET: 6300 Sears Tower, 233 S. Wacker Drive

: CITY: Chicago

: STATE: Illinois

: COUNTRY: USA

: ZIP: 60606

: COMPUTER READABLE FORM:

: MEDIUM TYPE: Floppy disk

: COMPUTER: IBM PC compatible

: OPERATING SYSTEM: PC-DOS/MS-DOS

: SOFTWARE: Patentin Release #1.0, Version #1.30

: CURRENT APPLICATION DATA:

: APPLICATION NUMBER: US/08/575.967A

: FILING DATE:

: CLASSIFICATION: 435

: ATTORNEY/AGENT INFORMATION:

: NAME: No. 6265184and, Greta E.

: REGISTRATION NUMBER: 35,302

: REFERENCE/DOCKET NUMBER: 32918

: TELECOMMUNICATION INFORMATION:

: TELEPHONE: 206-485-1900

: TELEFAX: 206-485-1662

: INFORMATION FOR SEQ ID NO: 1:

: SEQUENCE CHARACTERISTICS:

: LENGTH: 3383 base pairs

: TYPE: nucleic acid

: STRANDEDNESS: single

: TOPOLOGY: linear

: MOLECULE TYPE: cDNA

: FEATURE:

: NAME/KEY: CDS

: LOCATION: 55..1110

: FEATURE:

: NAME/KEY: misc.feature

: OTHER INFORMATION: /= "88C polynucleotide and amino acid

: US-08-575-967A-1

Query Match

Best Local Similarity 35.5%; Score 703.4; DB 4; Length 3383;

Matches 840; Conservative 0; Mismatches 191; Indels 12; Gaps 1;

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QY 154 ATTATGATTACGGTGTCTCCCTGTCAATAAATTGACGTGAAGCAAAATTTGGGCCCCAACTCC 213
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 92  ATTATTATACATCGGAGCCCTGCCAAAATCAATGTGAAGCAAAATCGAGCCCGCTCC 151
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 214 TGCCTCCGCTCTACTCGCTGGTTCATCTTTGTTGGCAACATGCTGCTGCTCC 273
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 152 TGCCTCCGCTCTACTCGCTGGTTCATCTTTGTTGGCAACATGCTGCTGCTCC 211
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 274 TCATCTTAATAAAGCTCAAAAGCTGAAGTCTGCTGACTGACATTTACCTGCTCAACCTGG 333
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 212 TCATCTGTATAAAGCTCAAAAGCTGAAGAGCATGACTGACATCTACTGCTCAACCTGG 271
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 334 CCATCTCTGATCTGCTTTTCTTATTACTCTCCCATTTGGGCTCACTCTGCTGCAATG 393
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 272 CCATCTCTGACCTGTTTCTTCTTACTGTCCTTCTGGGCTCACTATGCTGCGGCC 331
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 394 AGTGGGCTTTGGGAATGCAATGTGCAAAATTTTTCACAGGGCTGTATCACATCGGTTAT 453
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 332 AGTGGGCTTTGGGAATGCAATGTGCAAAATTTTTCACAGGGCTGTATTTATAGGCTTCT 391
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 454 TTGGCGGAATCTTCTTCATCATCTCTCTGACAAATGATACCTGGCTGTTGTCATG 513
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
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Db 392 TCTCGGAATCTTCTTCATCACTCTCCGCAATGATAGTAGTACCTGGCTGTGCGCAATG 451  
Qy 514 CTGTGTTTGTCTTAAAGCCAGGAGGTCACCTTTGGGGTGGTGACAAAGTGTGATCACT 573  
Db 452 CTGTGTTTGTCTTAAAGCCAGGAGGTCACCTTTGGGGTGGTGACAAAGTGTGATCACT 511  
Qy 574 GGTGTGGTGTGTGTTGCTCTGTCCAGGAATCATCTTTACTTAATGCGCAAGAAAG 633  
Db 512 GGTGTGGTGTGTGTTGCTCTGTCCAGGAATCATCTTTACCAGATCTCAAAAGAAAG 571  
Qy 634 ATTCGTGTTATGTCGTGCGCTTATTTTCCA-----CGAGGATGGAATAAT 681  
Db 572 GTCTTCATTAACCTGTGAGCTCTCAATTTCCATACAGTCAGTATCAATTCGAGAAAT 631  
Qy 682 TCCACACATATATGAGGAACATTTTGGGGTGGTCTTCCGCTGTCTCATCATGTCATCT 741  
Db 632 TCCACACATTAAGATAGTATCTTTGGGGTGGTCTTCCGCTGTCTTGTGATGTCATCT 691  
Qy 742 GCTACTCGGGAATCTGAAACCCCTGCTTCGGTGTGGAACAGAGAGAGGCATAGG 801  
Db 692 GCTACTCGGGAATCTGAAACCCCTGCTTCGGTGTGGAATGAGAGAGAGGCATAGG 751  
Qy 802 CAGTCAGAGTCACTTCCACATCATGATTTTACTTCTCTCTGAGCTCCCTATAACA 861  
Db 752 CTGTGAGGCTTATCTTCAACATCATGATTTTACTTCTCTCTGAGCTCCCTATAACA 811  
Qy 862 TTGTCATCTCTGAAACCTTCCAGGAATCTTCCGCTGTGAGTAACTGTGAAAGCACCA 921  
Db 812 TTGTCCTCTCTGAAACCTTCCAGGAATCTTCCGCTGTGAGTAACTGTGAGTCTTA 871  
Qy 922 GTCACTGTGACCAAGCAGGAGTGACAGACACTTTGGGATGACTCACTGCTGATCA 981  
Db 872 ACAGGTTGACCAAGCAGGAGTGACAGACACTTTGGGATGAGCAGTCTGTGATCA 931  
Qy 982 ATCCCATCATCTATGCTTGGTGGGAGAGTTCAGAAAGTCTCTCGGTGTTCTTCC 1041  
Db 932 ACCCATCATCTATGCTTGGTGGGAGAGTTCAGAAAGTCTCTCGGTGTTCTTCC 991  
Qy 1042 GAAAGCACATCAACAGCCTTCTGCAACATGTCCAGTTTCTACAGGAGAGAGTGG 1101  
Db 992 AAAAGCACATGCAACAGCCTTCTGCAACATGTCCAGTTTCTACAGGAGAGAGTGG 1051  
Qy 1102 ATGGAGTGACTTCAACAAACAGCCTTCCACTGGGAGAGAGTCTCGGTGTTTAT 1161  
Db 1052 AGGAGCAAGCTCAGTTTACCCCGATCCACTGGGAGAGAGTATCTGTGGCTGT 1111  
Qy 1162 AAAACGAGGAGCAGTTTGTATTT 1184  
Db 1112 GACACGAGTCAAGTGGCTGGT 1134

## RESULT 11

US-09-517-605-8  
; Sequence 8, Application US/09517605  
; Patent No. 6391567  
; GENERAL INFORMATION:  
; APPLICANT: Littman, Dan R.  
; APPLICANT: Kwon, Douglas S.  
; APPLICANT: van Kooyk, Yvette  
; APPLICANT: Geijtenbeek, Theo  
; TITLE OF INVENTION: METHODS OF USING A FACILITATOR OF RETROVIRAL ENTRY INFO  
; TITLE OF INVENTION: CELLS  
; FILE REFERENCE: 1049-1-017  
; CURRENT APPLICATION NUMBER: US/09/517,605  
; CURRENT FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 8  
; LENGTH: 1059  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; US-09-517-605-8

Query Match 35.4%; Score 701.4; DB 4; Length 1059;  
Best Local Similarity 81.2%; Pred No. 1.4e-196;  
Matches 832; Conservative 0; Mismatches 181; Indels 12; Gaps 1;  
Qy 151 TTGATTATGATTACGGTGTCTCCCTGTCAFAAATTTGACGTGAAGCAAAATTTGGGGCCCAAC 210  
Db 35 TCGATTATGATACATCGGAGCCCTGCCAAAAAATCAATGTGAAGCAAAATCGAGCCGCC 94  
Qy 211 TCTCGCTCCGCTCTACTCGCTGGTGTTCATCTTTGGTGTGTTGGGCAACATGCTGCTG 270  
Db 95 TCTCGCTCCACTCTACTCTACTGGTGTTCATCTTTGGTGTGTTGGGCAACATGCTGCTG 154  
Qy 271 TCTCATCTTAATAAAGCTGCAAAAGCTGAAGTGTCTGACTGACATTTTACCTGCTCAACC 330  
Db 155 TCTCTGCTCTGATAAAGCTGCAAAAGCTGAAGAGCATGACTGACATCTACTCTCAACC 214  
Qy 331 TGGCCATCTCTGATCGCTTTTCTTATTTACTCTCCATTTGGGGTGTGCTGCTGCTGCA 390  
Db 215 TGGCCATCTCTGACCTGTTTTCCTTTACTCTGCTCCCTCTGGGCTCACTACGCTGCTG 274  
Qy 391 ATGAGTGGTCTTTGGGAATGCAATGTCAAAATTTATTCACAGGCTGTATCATCATCGTT 450  
Db 275 CCCAGTGGGACTTTGGAATACAAATGTCAAACTCTTGACAGGCTCTATTTTATAGGCT 334  
Qy 451 ATTTTGGCGGAATCTTCTTCACTCATCTCTGACAAATTCGATAGATACCTGGCTATTGTTC 510  
Db 335 TCTTCTCTGGAATCTTCTTCACTCATCTCTCTGACATCGATAGATACCTAGCTATCTGCTC 394  
Qy 511 ATGCTGTGTTGCTTTAAAGCCAGGAGTCACTTTGGGGTGGTGACAAAGTGTGATCA 570  
Db 395 ATGCTGTGTTGCTTTAAAGCCAGGAGTCACTTTGGGGTGGTGACAAAGTGTGATCA 454  
Qy 571 CTTGGTGTGGTGTGTTGCTTCTGCTCCAGGAATCATCTTTTACAGATCTCAAAAG 630  
Db 455 CTTGGTGTGGTGTGTTGCTTCTGCTCCAGGAATCATCTTTTACAGATCTCAAAAG 514  
Qy 631 AAGATTCTGTTTATGTCTGGGCTTATTTTCCA-----CGAGGATGGAATA 678  
Db 515 AAGTCTTCTTATACACCTGCGAGCTCTCATTTTCCATACAGTCACTCAATTTCTGGAAGA 574  
Qy 679 ATTTCCACACAAATATGAGGAACATTTTGGGGTGGTCTTCCGCTCTCATCATGCTCA 738  
Db 575 ATTTCCAGACATTAAGATAGTATCTTTGGGGTGGTCTTCCGCTCTTGTCTATGTTGCTCA 634  
Qy 739 TCTGCTACTCGGAATCTGAAACCTGCTTCCGCTGTGGAAGAGAGAGAGGAGGATCA 798  
Db 635 TCTGCTACTCGGGAATCTTAAAGTCTGCTTCCGCTGTGGAAGAGAGAGGAGGAGG 694  
Qy 799 GGGCAGTGAGAGTCACTTCCACCATCATGATTTGTTTACTTTCTTCTTGGACTCCCTATA 858  
Db 695 GGGCTGTGAGGCTTATCTTCCACCATCATGATTTGTTTACTTTCTTCTTGGGCTCCCTACA 754  
Qy 859 ACATTGCTATCTCTGAAACCTTCCAGGAATTTCTGGGCTGAGTAACTGTGGAAGCA 918  
Db 755 ACATTGCTCTCTCTGAAACCTTCCAGGAATTTCTTGGGCTGAGTAACTGTGAGTACT 814  
Qy 919 CCAGTCAACTGGACCAAGCCAGCAGGTGACAGAGTCTTTGGGATGACTCACTGCTGCA 978  
Db 815 CTACAGGTTGGACCAAGCCATGAGGTGACAGAGTCTTTGGGATGAGCAGTCTGCTGCA 874  
Qy 979 TCAATCCCATCATCTATGCTTCTTGGGAGAGTTCAGAGGATGATCTCTCGGTGTTCT 1038  
Db 875 TCAACCCCATCATCTATGCTTCTTGGGAGAGTTCAGAAACTACCTCTTAGTCTTCT 934  
Qy 1039 TCCGAAAGCAGCATCAACAGGCTTCTGCAAAACATGTCAGTGTTCACAGGAGGAGCAG 1098  
Db 935 TCCAAAAGCATATTGCGCAACACATCTGCAAAATGCTGTCTTCTTCCAGCAAGAGGCTC 994  
Qy 1099 TGGATGGAGTACTTCAACAAACAGCCTTCCACTGGGAGAGAGGAGTCTCGGCTGTTT 1158  
Db 995 CCGAGCGAGCAAGCTCAGTTTACACTCGATCCACTGGGAGAGGAGGAGGAGGAGGCT 1054



;; SOFTWARE: MICROSOFT WORD  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/724.984A  
;; FILING DATE: October 3, 1996  
;; CLASSIFICATION: 800  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER:  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: William T. Han  
;; REGISTRATION NUMBER: 34,344  
;; REFERENCE/DOCKET NUMBER: ATG50023  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 610 270 5024  
;; TELEFAX: 610 270 5090  
;; INFORMATION FOR SEQ ID NO: 3:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 1059  
;; TYPE: Nucleic Acid  
;; STRANDEDNESS: Single  
;; TOPOLOGY: Linear  
;; ANTI-SENSE: No  
;; US-08-724-984A-3

Query Match 35.4%; Score 700; DB 4; Length 1059;

Best Local Similarity 81.2%; Pred No. 3.6e-196;  
Matches 830; Conservative 0; Mismatches 180; Indels 12; Gaps 1;

QY 154 ATTATGATTACGGTCTCCCTCTCATATAAATTTGACGTGAAGCAAAATTTGGGGCCCAACTCC 213  
DB 38 ATTATTATACATCGGAGCCCTGCCAAAATAATCAATGTGAAGCAAAATCGCAGCCGCTCC 97  
QY 214 TCCCTCCGCTCTACTCGTGGTGTTCATCTTTGGTTTGGGACACATCTGCTGGCTCG 273  
DB 98 TCCCTCCGCTCTACTCGTGGTGTTCATCTTTGGTTTGGGACACATCTGCTGGCTCG 157  
QY 274 TCATCTTAATAACTGCAAAAAGCTGAAGTGTCTGACTGACATTTTACCTGCTCAACCTGG 333  
DB 158 TCATCTGATAACTGCAAAAAGCTGAAGAGCATGACTGACATCTACCTGCTCAACCTGG 217  
QY 334 CCATCTCTGATCTGCTTTCTTTATTTACTCTCCATTTGCGGTGCTGCTGCTGCAAAATG 393  
DB 218 CCATCTCTGATCTGCTTTCTTTCTTTACTCTGCTGCTGCTGCTGCTGCTGCTGCTG 277  
QY 394 AGTGGTCTTTGGGAATCAATGTCAAAATTTACACAGGCTGTATCATCGGTATT 453  
DB 278 AGTGGGACCTTTGGAATCAATGTGTCAACTCTTGACAGGCTCTATTTATAGGCTTCT 337  
QY 454 TTGGCGGAATCTTTTCATCATCTCTCTGACATCGATAGATACCTGGCTATTGTCCATG 513  
DB 338 TCTCTGGAATCTTTTCATCATCTCTCTGACATCGATAGGTACCTGGCTGCTGCTGCTG 397  
QY 514 CTGTGTTTGTAAAGCCAGGAGCGTCACTTTGGGTGGTGGTGGTGGTGGTGGTGGTGGT 573  
DB 398 CTGTGTTTGTAAAGCCAGGAGCGTCACTTTGGGTGGTGGTGGTGGTGGTGGTGGTGGT 457  
QY 574 GPTTGTGGTGTGTTGCTCTGCTCCAGGAATCATCTTTACTAAATGCACAAAGAAG 633  
DB 458 GGTGGTGGTGTGTTGCTCTGCTCTCCAGGAATCATCTTTACAGATCTCAAAAGAAG 517  
QY 634 ATTCTGTTTATGCTGTGGCCCTTTATTTCCA-----CGAGGATGGAATAATT 681  
DB 518 GTCTTATTACACCTGACGCTCTCAATTTTCCATACAGTCAAGTCAATTTTGGGAAGATT 577  
QY 682 TCCACACATAATGAGGAACATTTGGGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 741  
DB 578 TCCAGACATTAAGATAGTATCTTTGGGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 637  
QY 742 GCTACTCGGGAATCTCTGAAAACCTGCTCGGTGTGCAAAACGAGAAAGAGGATAGGG 801  
DB 638 GCTACTCGGGAATCTCTGAAAACCTGCTCGGTGTGCAAAATGAGAAAGAGGACAGG 697  
QY 802 CAGTGAGAGTCACTTTCCACCATCATGATGTTTACTTTCTTCTTCTGAGCTCCCTATAACA 861

DB 698 CTGTGAGGCTTATCTTCCCATCATGATGTTTATTTTCTTCTGCGCTCCCTACAACA 757  
QY 862 TTGTCATTTCTCTGAACACACCTTCCAGGAATTTCTGGGCTGAGTAACTGTGAAAGCACCA 921  
DB 758 TTGTCCTTCTCTGAACACACCTTCCAGGAATTTCTGGGCTGAGTAACTGTGAGTAGCTCTA 817  
QY 922 GTCAACTGGACCAAGCCAGGCTGACAGAGACTTCTGGGATGACTCACTGCTGCATCA 981  
DB 818 ACAGGTTGGACCAAGCTATGACAGAGACTTCTGGGATGACGACTGCTGCATCA 877  
QY 982 ATCCCATCATCTATGCTTCTGTTGGGAGAAAGTTCAAGAGTATCTCTGCTGTTCTTCC 1041  
DB 878 ACCCATCATCTATGCTTCTGTTGGGAGAAAGTTCAAGAACTACCTCTTCTGCTTCTTCC 937  
QY 1042 GAAAGCATATCACCAGCGCTTCTGCAAACTGCTCAAGTCTTCTTACAGGAGACAGTGG 1101  
DB 938 AAAAGCATATGCTCAAAACGCTTCTGCAAAATGCTGTTCTATTTCCAGCAAGAGCTCCCG 997  
QY 1102 ATGGAGTGACTTCAACAAACAGCGCTTCCACTGGGAGAGGAGTCTCGGCTGGTTAT 1161  
DB 998 AGCGAGCAAGCTCAGTTTACACCGGATCCACTGGGAGAGGAGAAATATCTGTGGCTGT 1057  
QY 1162 AA 1163  
DB 1058 GA 1059

RESULT 14  
US-09-087-232A-14  
; Sequence 14, Application US/09087232A  
; Patent No. 6153431  
; GENERAL INFORMATION:  
; APPLICANT: Quillent et al.  
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS CO-RECEPTOR  
; TITLE OF INVENTION: VARIANTS ASSOCIATED WITH RESISTANCE TO VIRUS INFECTION.  
; NUMBER OF SEQUENCES: 23  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Baker & Botts, L.L.P. attn. Lisa Kole  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10112  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/087,232A  
; FILING DATE: 28 MAY 1998  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/048,057  
; FILING DATE: 30 MAY 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: KOLE, LISA B.  
; REGISTRATION NUMBER: 35,225  
; REFERENCE/DOCKET NUMBER: AP 31115  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 408-2628  
; TELEFAX: (212) 765-2519  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1071 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 7..309

US-09-087-232A-14

Query Match 35.4%; Score 700; DB 3; Length 1071;  
Best Local Similarity 81.2%; Pred. No. 3.6e-196;  
Matches 830; Conservative 0; Mismatches 180; Indels 12; Gaps 1;

QY 154 ATTATGATTACGGTCTCCCTGTCATAAATTTGACGTGAAGCAAAATTTGGGCCCCCACTCC 213  
DB 44 ATTATATACATCGGAGCCCTGCCAAAAAATCAATGAAGCAAAATCGCAGCCCGCTCC 103  
QY 214 TGCCTCCGCTACTCGCTGGTGTTCATCTTTGGTTTGGGCAACATCTGGTGTCTCC 273  
DB 104 TGCCTCCGCTACTCGCTGGTGTTCATCTTTGGTTTGGGCAACATCTGGTGTCTCC 163  
QY 274 TCATCTTAATAAAGCTGCAAAAGCTGAAGTGTGTGACTGACATTTACCTGCTCAACCTGG 333  
DB 164 TCATCTTAATAAAGCTGCAAAAGCTGAAGTGTGTGACTGACATTTACCTGCTCAACCTGG 223  
QY 334 CCATCTCTGATCTGCTTTTCTTATATACCTCCCATTTGGGCTCACTCTGCTGCAAAATG 393  
DB 224 CCATCTCTGATCTGCTTTTCTTATATACCTCCCATTTGGGCTCACTCTGCTGCAAAATG 283  
QY 394 AGTGGGTCTTTGGGAATGCAATGTGCAAAATTTACAGGGCTGTATACATCGGTTATT 453  
DB 284 AGTGGGTCTTTGGGAATGCAATGTGCAAAATTTACAGGGCTGTATACATCGGTTATT 343  
QY 454 TTGGGGGAATCTTCTATCATCTCTCCCTGACAAATCGATAGTACCTGGCTATTGTCCATG 513  
DB 344 TCTCTGGAATCTTCTATCATCTCTCCCTGACAAATCGATAGTACCTGGCTATTGTCCATG 403  
QY 514 CTGCTTTTGTCTTAAAGCCAGGAGCTGACCTTTGGGCTGTGACAAATGTGATCACT 573  
DB 404 CTGCTTTTGTCTTAAAGCCAGGAGCTGACCTTTGGGCTGTGACAAATGTGATCACT 463  
QY 574 GGTGTGGTCTGTGTTTCTTCTCCAGGAATCATCTTTTACTAAATGCCAGAAAGAG 633  
DB 464 GGTGTGGTCTGTGTTTCTTCTCCAGGAATCATCTTTTACTAAATGCCAGAAAGAG 523  
QY 634 ATTCTGTTTATGCTGTGGGCTTATTTTCCA-----CGAGGATGGAATAATT 681  
DB 524 GTCTTCATACACCTGACGCTCTCATTTTCCATACAGTCAGTATCAATTTCTGGAAGATT 583  
QY 682 TCCACAAATTAATGAGGAACATTTTGGGCTGGTCTCGCTGCTCATCTGCTGCTATC 741  
DB 584 TCCAGACATTAAGATAGTCACTTGGGCTGGTCTCGCTGCTCATCTGCTGCTATC 643  
QY 742 GCTACTCGGGAATCCTGAAACCCCTGCTTCTGCTGCTGCTGCTGCTGCTGCTGCT 801  
DB 644 GCTACTCGGGAATCCTGAAACCCCTGCTTCTGCTGCTGCTGCTGCTGCTGCTGCT 703  
QY 802 CAGTGAGAGTCACTTCCACCATCATGATTTTACTTCTTCTGCTGCTGCTGCTGCT 861  
DB 704 CTGAGAGCTTATCTTCCACCATCATGATTTTACTTCTTCTGCTGCTGCTGCTGCT 763  
QY 862 TTGTCATCTCTGACACCTTCCAGGAATCTTCTGCTGCTGCTGCTGCTGCTGCTGCT 921  
DB 764 TTGTCATCTCTGACACCTTCCAGGAATCTTCTGCTGCTGCTGCTGCTGCTGCTGCT 823  
QY 922 GTCACTGGACCAAGCAGGAGTGACAGACTCTTGGGATGACCTGCTGCTGCTGCT 981  
DB 824 ACAGGTTGGACCAAGCAGGAGTGACAGACTCTTGGGATGACCTGCTGCTGCTGCT 883  
QY 982 ATCCCATCATCTATGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1041  
DB 884 ACCCATCATCTATGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 943  
QY 1042 GAAAGCACATCAACCAAGCCTTCTGCAAAATGCTGCTGCTGCTGCTGCTGCTGCT 1101  
DB 944 AAAAGCACATGCAACCAAGCCTTCTGCAAAATGCTGCTGCTGCTGCTGCTGCTGCT 1003  
QY 1102 ATGAGTGACTTCAACCAACCAAGCCTTCTGCAAAATGCTGCTGCTGCTGCTGCTGCT 1161  
DB 1004 AGCGACCAAGCTCAGTTTACACCCGATCCACTGCTGCTGCTGCTGCTGCTGCTGCT 1063

QY 1162 AA 1163  
DB 1064 GA 1065

## RESULT 15

US-09-293-170-3  
; Sequence 3, Application US/09293170  
; Patent No. 6383777  
; GENERAL INFORMATION:  
; APPLICANT: Breyer, Richard M.  
; APPLICANT: Ma, Lijun  
; APPLICANT: Kennedy, Chris  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR HIGH YIELD  
; TITLE OF INVENTION: PRODUCTION OF EUKARYOTIC PROTEINS  
; FILE REFERENCE: 22000.0094  
; CURRENT APPLICATION NUMBER: US/09/293.170  
; CURRENT FILING DATE: 1999-04-16  
; EARLIER APPLICATION NUMBER: 60/081.989  
; EARLIER FILING DATE: 1998-04-16  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 3  
; LENGTH: 5674  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (300)...(1616)  
; OTHER INFORMATION: Description of Artificial Sequence:/note =  
; OTHER INFORMATION: synthetic construct  
US-09-293-170-3

Query Match 35.3%; Score 699.2; DB 4; Length 5674;  
Best Local Similarity 81.3%; Pred. No. 1.6e-195;  
Matches 828; Conservative 0; Mismatches 178; Indels 12; Gaps 1;

QY 154 ATTATGATTACGGTCTCCCTGTCATAAATTTGACGTGAAGCAAAATTTGGGCCCCCACTCC 213  
DB 571 ATTATATACATCGGAGCCCTGCCAAAAAATCAATGAAGCAAAATCGCAGCCCGCTCC 630  
QY 214 TGCCTCCGCTCTACTCGCTGGTGTTCATCTTTGGTTTGGGCAACATGTGCTGCTGCT 273  
DB 631 TGCCTCCGCTCTACTCGCTGGTGTTCATCTTTGGTTTGGGCAACATGTGCTGCTGCT 690  
QY 274 TCATCTTAATAAAGCTGCAAAAGCTGAAGTGTGTGACTGACATTTACCTGCTCAACCTGG 333  
DB 691 TCATCTTAATAAAGCTGCAAAAGCTGAAGTGTGTGACTGACATTTACCTGCTCAACCTGG 750  
QY 334 CCATCTCTGATCTGCTTTTCTTATTTACTCTCCCATTTGGGCTCACTCTGCTGCAAAATG 393  
DB 751 CCATCTCTGATCTGCTTTTCTTATTTACTCTCTTCTTCTTCTTCTTCTTCTTCTTCT 810  
QY 394 AGTGGGTCTTTGGGAATGCAATGTGCAAAATTTATCAAGGGCTGTATCATCTGCTGCT 453  
DB 811 AGTGGGACTTTGGAATAACAATGTCAACTCTTGACAGGGCTCTATTTTATAGGCTTCT 870  
QY 454 TTGGGCGAATCTTCTTATCATCATCTCTGACAAATCGATAGTACCTGGCTGCTGCTGCT 513  
DB 871 TCTCTGGAATCTTCTTATCATCTCTCTGACAAATCGATAGTACCTGGCTGCTGCTGCT 930  
QY 514 CTGCTGTTTCTTTAAAGCCAGGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 573  
DB 931 CTGCTGTTTCTTTAAAGCCAGGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 990  
QY 574 GGTGGTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 633  
DB 991 GGTGGTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1050  
QY 634 ATTCTGTTTATGCTGTGGGCTTATTTTCCA-----CGAGGATGGAATAATT 681  
DB 1051 GTCTTCATACACCTGACCTCTCATTTTCCATACAGTACATCAATTTCTGGGAATTT 1110

QY 682 TCCACACAAATATGAGGAACATTTTGGGGCTGGTCTGCGCTGCTCATCATGGTCAICT 741  
 Db 1111 TCCAGACATTAAGATAGTCACTTTGGGGCTGGTCTGCGCTGCTTGTGTCATGGTCACT 1170  
 QY 742 GCTACTCGGGATCTGAAACCCCTGCTTGGGTGTCGAAACGAGAGAGAGGACATAGG 801  
 Db 1171 GCTACTCGGGATCTGAAACCCCTGCTTGGGTGTCGAAACGAGAGAGAGGACATAGG 1230  
 QY 802 CAGTGAGAGTCACTTCAACCATCATGATGTTTACTTCTCTCTGGACTCCCTATAACA 861  
 Db 1231 CTGTGAGGCTTATCTTCAACCATCATGATGTTTACTTCTCTCTGGACTCCCTATAACA 1290  
 QY 862 TTGTCTATCTCTGACACCTTCCAGGAATTTCTTGGGCTGAGTAACTGTAAGCACCA 921  
 Db 1291 TTGTCTATCTCTGACACCTTCCAGGAATTTCTTGGGCTGAGTAACTGTAAGCACCA 1350  
 QY 922 GTCAACTGGACCAAGCCAGGAGGTGACAGACTCTTGGGATGACTCACTGCTGCATCA 981  
 Db 1351 ACAGGTTGGACCAAGCTATGCAAGGTGACAGACTCTTGGGATGAGGCACTGCTGCATCA 1410  
 QY 982 ATCCCATCATCTATGCTTGGGGAGAGGTTTCAGAGGATCTCTCGGTGTTCTTCC 1041  
 Db 1411 ACCCATCATCTATGCTTGGGGAGAGGTTTCAGAGGATCTCTCGGTGTTCTTCC 1470  
 QY 1042 GAAAGCACATCACCAGGCTTCTGCAACAATGTCCACTTTCTACAGGAGACAGTGS 1101  
 Db 1471 AAAAGCACATGCAACGCTTCTGCAACAATGTCCACTTTCTACAGGAGAGGCTCCCG 1530  
 QY 1102 ATGGAGTGACTTCAACAAACAGGCTTCCACTGGGGAGAGGAAAGTCTCGGCTGGTTT 1159  
 Db 1531 AGCGACAGCTCAGTTTACACCCGATCCACTGGGGAGAGGAAATATCTGTGGGCTT 1588

Search completed: June 1, 2003, 20:07:40  
 Job time : 115.681 secs

